

N-Carboethoxyhydropyridazines and Their Derivatives,
by R. Ya. Levina, Yu. S. Shabarov, M. G. Kuz'min,
5 pp.

RUSSIAN, *Pril. Zhur Obshch Khim*, Vol XXX, No 8, 1960,
pp 2469-2472.

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Synthesis of Aromatic Hydrocarbons. A New
Method for the Synthesis of Hydrocarbons of the
Fluorene Series, by R. Ya. Levina, V. R.
Skvarchenko, L. A. Chervoneva, ~~L. V. Fedorchuk~~
L. V. Fedorchuk, T. T. Vasilyeva, 6 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXVIII, No 2,
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Jun 59

Tetrahydropyridazines and Hexahydropyridazines, by
Yu. S. Shabarov, M. G. Kuz'min, R. Ya. Levina,
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Cyanoethylation of Ketones in the Synthesis of
Unsaturated Lactones. δ -Lactones with a
Heptacyclic Double Bond, by R. Ya. Levina,
N. P. Shasharina, M. Yu. Lurye, and N. D.
Orlova, 4 pp.

Full tr

RUSSIAN, thrice-a-month, Dok Ak Nauk SSSR, Vol CVI,
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Dec 56 CTS

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Synthesis of Hydrocarbons. 68. C_{13} - C_{15} Tertiary-
Alkylbenzenes From 3,5-Dimethylheptadiene-2,4, by
R. M. Levina, V. K. Danilova, P. A. Kozlov,
6 pp.

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Cyclopropanes and Cyclobutanes. X
SVII.
Reduction of Arylcyclopropanes With Metals
in Liquid Ammonia and Methanol, by
R. Ya. Levina, V. N. Kostin, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI,
No 3, 1961, pp 829-835.

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May 62

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Di-tertalkylmethanes From 2,4-Dimethyl-1,
3-pentadiene, by R. YA. Levina, Yu. S. Shabarov,
V. K. Daukshas, 6 pp.

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Oct 59

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Syntheses of Hydrocarbons. LXVI. Quaternary Hydrocarbons
With Two Adjacent Quaternary Carbon Atoms, by R. Ya.
Levina, P. A. Kalkaris, A. V. Simolin, E. G.
Treshchova, 4 pp.

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Interaction of Cyclopropane Hydrocarbons With Mercuric Salts. XI. Opening of the Three-Membered Ring in (C,₁N)-Bicycloalkanes (N = 2, 3, and 4), by R. Ya. Levina, V. N. Kostin, T. K. Ustynyuk, 4 pp.

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Mercuric Salts. VIII. Reaction of γ -
Mercurated Alcohols with Zinc Dust, by R.
Ya. Levina, V. M. Kostin, 5 pp

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII,
No 12, 1958, pp 3307-3310

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Feb 60

108,999

Levina, R. Ya. and Sicheglova, N. A.
ISOMERIZATION OF UNSATURATED HYDRO-
CARBONS IN CONTACT WITH METAL OXIDES.
V. ISOMERIZATION OF 4-PHENYL-1-BUTENE
AND 5-PHENYL-1-PENTENE OVER OXIDES OF
ALUMINUM AND CHROMIUM. [1961] 5p. 22 re/s.
Order from OTS or SLA \$1.10 61-16880

Condensed trans. of Zhurnal Obshchei Khimii (USSR)
1941, v. 11, no. 7, p. 527-532.

DESCRIPTORS: *Hydrocarbons, *Molecular isomer-
ism, *Butenes, *Pentenes, Phenyl radicals, Aluminum
compounds, Chromium compounds, Oxides, Mono-
cyclic compounds.

An experimental study is reported showing that 4-
phenyl-1-butene is isomerized in contact with aluminum
oxide or chromium oxide at 250° to 4-phenyl-3-butene;
5-phenyl-1-pentene is isomerized in contact with chro-
(Chemistry--Organic, TIF, v. 0, no. 7) (over)

61-16880

- I. Levina, R. Ya.
- II. Sicheglova, N. A.
- III. Title: Isomerization of
4-Phenyl...

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Cis Decalin, by R. Ya. Levina, S. G. Kuznetsov,
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1949, pp 303-306.

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The Synthesis of Hydrocarbons, LXXVI. Cyclohexanes
with Three Quaternary Carbon Atoms in the Ring,
by R. Ya. Levina, V. K. Dauksnas, 3 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 10,
1960, pp 3207-3209.

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171, 723

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Reaction of Cyclopropane Hydrocarbons With
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Mercury Compounds From 1,1,2,2-Tetramethyl-
cyclopropane, by R. Ya. Levina, V. N. Kostin,
4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
No 6, Jun 1953, USSR, pp 1054-1058. CIA D. 22339

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5-Lactones and 6-Lactams. XXI. Dibromides of
5-Triollactams (5, 6-Dibromo-5,6-dialkyl-2-piperidones),
by N. P. Shusherina, A. V. Golovin, R. Ya. Levina,
7 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 6,
1960, pp 1762-1768.

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Cyclopropanes and Cyclobutanes: XI. Methylphenyl-
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Kuz'min, 4 pp.

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1960, pp 3210-3213.

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Synthesis of Hydrocarbons. XX. Synthesis of Alkenes
and Alkanes Containing a Quaternary Carbon Atom,
by R. Ya. Levin, T. I. Tantsyeva, and A. A. Feinzil-
berg, 5 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,
USSR, Apr 1952, pp 543-548

CIA D 182346

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Synthesis of Hydrocarbons. XXI. Hydrobromides of
Dienes in the Synthesis of Olefins and Paraffins
With a Quaternary Carbon Atom, by R. Ya. Levina
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Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,
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Synthesis of Hydrocarbons. XL. Reaction of Cyclopentadiene Dichloride With Organomagnesium Compounds, by R. Ya. Levina, T. I. Tantsyreva, E. G. Treshchova, 8 pp. UNCLASSIFIED

Full translation.

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Cyclopropanes and Cyclobutanes. XXIV.
Cyclopropylmesitylene, by R. Ya. Levina, V. N.
Kostin, P. A. Gombitskii, 6 pp.

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Synthesis of Hydrocarbons. LXXIV. Alkylcyclohexanes
with Two Quaternary Carbon Atoms in the Side Chain,
by R. Ya. Levina, V. K. Daukshas, 4 pp.

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Synthesis of Hydrocarbons. XXXIX. 2, 3-Dimethyl-
1, 3-butadiene Dichloride in the Synthesis of
Isoalkenes With A Central Double Bond, by R. Ya.
Levina, V. R. Skvarchenko, A. S. Okunevich, E. G.
Trenichova, 4 pp. UNCLASSIFIED

Full translation.

RUSSIAN, no per, ~~Zhurnal Khimicheskoi Fiziki~~ Zhur Obshch Khim,
Vol XXIII, No 5, 1953, pp 725-728. CIA D 176358

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Synthesis of Hydrocarbons. LVII. Partial Reduction of
Hydrocarbon Dienes With Conjugated Double Bond Systems
Using Sodium in Liquid Ammonia, by R. Ya. Levina, V. R.
Skvarchenko, M. G. Kuzmin, E. G. Treshchova, 6 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 8,
1956, pp 2195-2199.

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Dec 57

Synthesis of Hydrocarbons. XVIII. The Hydrobromide and Hydrochloride of 2-Methylpentadiene-1,3 and 4-Methylpentadiene-1,3 in the Synthesis of Hydrocarbons of Isomeric Structure, by R. Ya. Levina, A.A. ~~XXXXXXXX~~ Fainzilberg, and E.G. Treshchova, 8 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 3, USSR, Mar 1952, pp 430-439.

CIA D 182345

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Synthesis of Hydrocarbons. XXII. The Conversion of
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B. N. Gladshtein, 6 pp.

Full translation

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 4,
USSR, Apr 1952, pp ~~585-590~~ 585-590.

CIA D 182346

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Scientific - Chemistry

Dec 53 CTS

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X YURIEV, YU. K.
LEVINA, R. YA.

ACADEMICIAN NIKOLAI DMITREVICH ZELINSKY
(On His Ninetieth Birthday)

X 33 pages

RUSSIAN, Zhur Obshch Khim, Vol XXI, No 2, Feb 1951

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Barbituric Acids. V. Methyleneamalonie Ester in Diene
Synthesis. Spirobarbituric Acids, by R. Ya. Levina,
Yu. S. Shabarov, L. A. Chervoneva, 4 pp.

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Oct 1956, pp 2852-2854.

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Cyanoethylated Ketones in the Synthesis of Unsaturated
 α -Lactones. VII. Isomeric Benzotetrahydrocoumarins,
by N. P. Shasharina, R. Ye. Levina, V. I. Zdanovich,
6 pp.

RUSSIAN, no par, Zhur Obshch Khim, Vol XXVI, No 10,
Oct 1956, pp 2847-2851.

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LEVINA R. Ya.
SKVARCHENKO V. R.
TATEVSKY V. M.
TRESHCHOVA E. G.

THE SYNTHESIS OF HYDROCARBONS

X. THE PARTIAL REDUCTION OF DIENE HYDROCARBONS WITH
CONJUGATED DOUBLE BONDS BY SODIUM IN LIQUID
AMMONIA

6 pages

RUSSIAN, Zhur Obshch Khim, Vol XX, No.4, Apr. 1950

CCA D 182335

pp 721-726.

Consultants Bureau Translation

A 6968

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1,6-Dehydroperidones-2 With Ammonia and Amines, by
N. P. Smotherina, R. Ya. Levin, 4 pp.

RUSSIAN, PER, Zhur Gekich Khim, Vol XXII, No 1,
1962, pp 89-92.

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MECHANISM OF IRREVERSIBLE CONTACT CONVERSION OF CYCLOHEXANE AND CYCLOHEXENE HYDROCARBONS WITH UNSATURATED SIDE CHAINS. II. IRREVERSIBLE CATALYSIS OF A CYCLOHEXANE WITH AN OLEFINIC SIDE CHAIN, THE DOUBLE BOND OF WHICH IS SEPARATED FROM THE RING BY A QUATERNARY CARBON ATOM. [1961] 10p. 47 refs.

Order from OTS or SLA \$1.10

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Trans. of Zhurnal Obshchei Khimii (USSR) 1942, v. 12, p. 422-432.

DESCRIPTORS: *Hydrocarbons, Catalysis, *Cyclohexanes, *Cyclohexenes, Chemical bonds, Molecular isomerism.

The correctness of the previously proposed mechanism of irreversible contact conversion of cyclohexanes and cyclohexenes with unsaturated side chains was verified. (Chemistry--Organic, TT, v. 6, no. 7) (over)

61-16664

I. Title: Contact conversion

I. Levina, R. Ya.

II. Title: Irreversible...

Office of Technical Services

LEVINA R. Ya.
SKVARCHENKO V. R.
VIKTOROVA E. A.
TATEVSKY V. M.
TRESHCHOVA E. G.

THE SYNTHESIS OF HYDROCARBONS
XI. THE PARTIAL REDUCTION OF DIENE HYDROCARBONS WITH
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CIA D/P 2335 *sp 727-732*

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A6769

Hydrocarbon Synthesis. XLIII. A New Reaction
of Tetrahydrophthalic Anhydrides (Products of
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Katayeva, E. G. Treshchova, 4 pp.

Full translation.

RUSSIAN, no per, Zhur Obshch Khim, Vol XLIII,
No 12, p 1953, pp 1998-2001. CIA D 151308

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Synthesis of Hydrocarbons. XVII. Homomesitones
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Isomeric Structure, by R. Ya. Levina, N. P.
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10 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XXII, No 2,
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152 West 42nd Street
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Scientific - Chemistry

May 53 CTS

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THE ISOMERIZATION OF UNSATURATED HYDROCARBONS IN
CONTACT WITH METAL OXIDES.

IX. THE ISOMERIZATION OF ACETYLENE HYDROCARBONS
OVER CHROMIC OXIDE ON ALUMINA 7 pages

RUSSIAN, Zhur Obshch Khim, Vol XX, No.4, Apr. 1950

CIA ID 182335

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A-6967

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N. Koshin, P. A. Gembitskiy, ⁵ pp.

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LEVINA, R. Ya., VIKTOROVA, E. A., and EIKHFEID, Lab
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Isomerization of Unsaturated Hydrocarbons upon Contact
with Metal Oxides VIII. Isomerization of Hexene-1
over Chromic Oxide on Alumina

Zhur Obshch Khim, Vol XIX, No 2, 1949 (Feb), pp 265-
268

Consultants Bureau Translation

A 10-5

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SKVARCHENKO, V. R.
TRESHCHOVA, E. G.
TATEVSKY, V. M.

SYNTHESIS OF HYDROCARBONS

IX. DIENE HYDROCARBONS IN THE SYNTHESIS OF OLEFIN HYDRO-
CARBONS WITH CENTRALLY LOCATED DOUBLE BONDS. 6 pages.

~~RUSSIAN, Zhur Obshch Khim, Vol XX, No 3, Mar 1950~~
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AP 419-425,

CIA D 182334

AP 6956

Consultants Bureau Translation

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SHABOROV, Y. S.
SKYARCHENKO, V. R.

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Liberation of Hydrogen on an Iron Electrode in Alkali
Solutions at High Pressures, by S. Levina, and A.
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Zhur Fiz Khim, USSR, 21, No 3, 331 - 336, 1947.
C. E. 41, 6478h (1947). Approx 2900 words;
4 figures; 3 references. Price \$11.50
(\$1.85)

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Investigation of Structure and the Adsorption and
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The Structure and Adsorptional Activity of Hydroxides
of Aluminum, Chromium, and Iron in Relation to the
Conditions of Their Formation, S. A. Levina, N. P.
Bimolenko, 10 pp.

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TT-62-28298

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STRUCTURE ET ACTIVITE ADSORBANTE DES HY-
DROXYDES D'ALUMINIUM, CHROME ET FER EN
FONCTION DE LEURS CONDITIONS DE FORMATION
(Struktura i adsorbtsionnaya Aktivnost' Gidrookiseli
Alyuminiya, Khroma i Zheleza v Zavisimosti ot Uslovi-
ikh Obrazovaniya) (The Structure and Adsorptional Acti-
vity of Hydroxides of Aluminium, Chromium and Iron
in Relation to the Conditions of their Formation).
24p. (Foreign text included) 22 refs. CNRS-VIII bis 563
Order from OTS, ETC or CNRS \$0.90 TT-62-28298

Trans. in French of *Kolloidnyi Zhurnal (USSR), 1955,
v. 17, no. 4, p. 287-294.

DESCRIPTORS: *Aluminum compounds, *Chromium
compounds, Iron compounds, Hydroxides, *Catalysts,
Adsorbents, Chemical properties, Hydrolysis, Elec-
trolysis, Structures, Electron microscopy.

(Chemistry--Physics, TT, v. 11, no. 7)

- I. Levina, S.A.
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che Scientifique, Paris

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The Adsorptive Activity of Cadmium Hydroxide
in Relation to the Conditions of its Formation,
by S. A. Iavina, H. P. Kravchenko, 6 pp.

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pp 673-677.

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Ferric Hydroxide as a Catalyst for the Condensation of Acetone to Diacetone Alcohol, by S. A. Levina, N. F. Ermolenko, V. I. Pansevich-Kolyada, 23pp, 11 pp.

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Discussion on the Mechanism of Hydrogen Overvoltage
on Ni and Pt and Other Metals, by P. D. Lukovtsev,
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Full tr.

RUSSIAN, per, Zhur Fiz Khimii, Vol XXIX, No 8,
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Navy Tr 13332/MIL 556

Sci - Mineral/Metals, Physics
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The Action of Inhibiting Additions in the Dissolving
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RUSSIAN, no per, Zhur Prik Khim, Vol XXIX, No 9,
Sep 1956, pp 1353-1357.

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The Influence of Radiolysis on the Potential of a
Nickel Electrode as a Function of the Gas Phase
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Action of Atomic Hydrogen on the Polarized
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Sci - Nuclear Physics
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S. E. Levina, 3 pp.

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No 5, 1961, pp 1266-.

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Role of the Endocrine Activity of the Outer
Zone of the Human Fetal Adrenal Cortex, by
in the "Feminization" of the External
Genitalia, by S. E. Levina, 4 pp.

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No 4, 1952, pp 1012-.

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The Development of Concepts on Oogenesis in the
Embryonic and Postnatal Stages of Mammals, by
S. E. Levina, 11 pp.

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Mixed Sulfides With C_{11} - C_{20} Carbon Atoms and
Their Fundamental Constants, by I. N. Tits-Skvortsova,
S. Ya. Levina, A. I. Leonova, T. A. Danilova.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXII, No 1,
Jan 1950, pp 135-139.

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Scientific - Sulfiden, carbon, atoms

A-1436

The Catalytic Transformation of Thiophenol,
Dithioresorcinol, Thianthrene and Diphenyl-
sulfide Over Aluminosilicate Catalyst, by
I. N. Tits-Skvortsova, A. I. Leonova, S. Ya.
Levina, E. A. Karaseva, 7 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,
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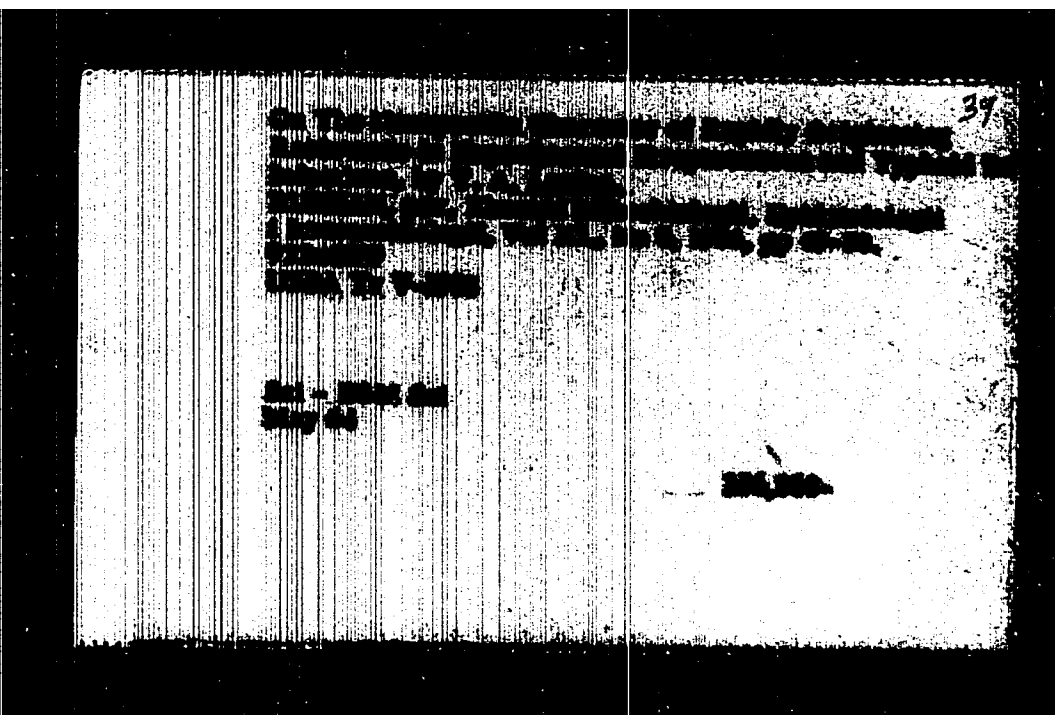
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Ts. A. Levina

Clinical Trial of a New Spasmolytic
Agent, Erynite, in Stenocardia, by
Ts. A. Levina.
RUSSIAN, per, Klinicheskaya Meditsina,
Vol 40, No 5, 1962, pp 67-70.
NTC 72-10940-060

May 72

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The invention regards a method for the production of a
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radiations having a wavelength between the ultraviolet
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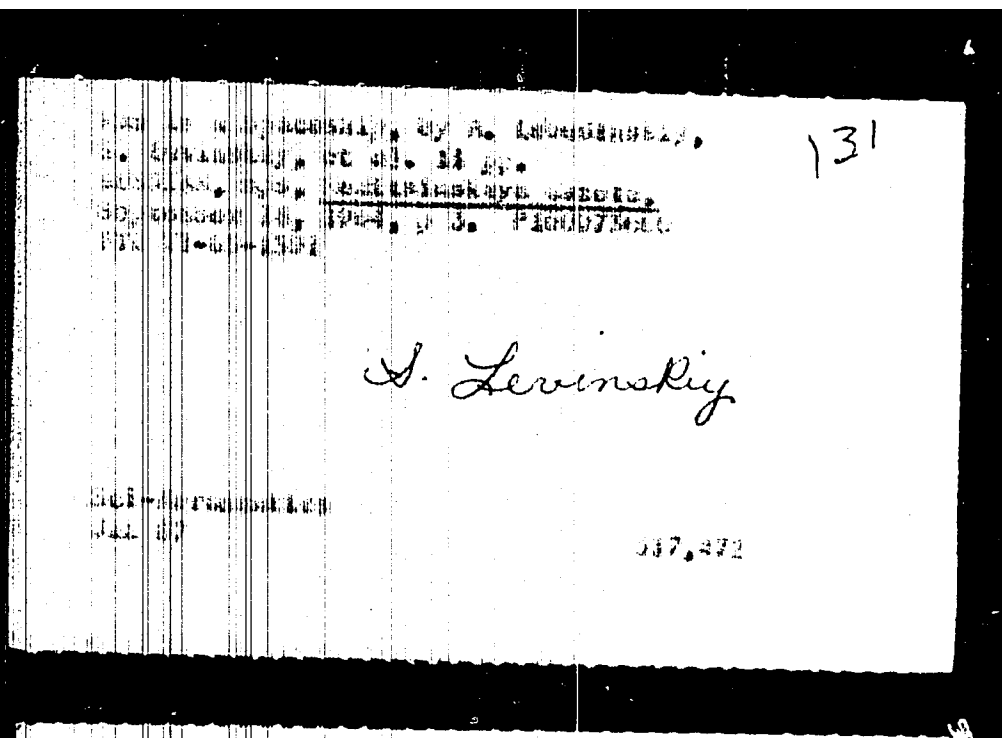
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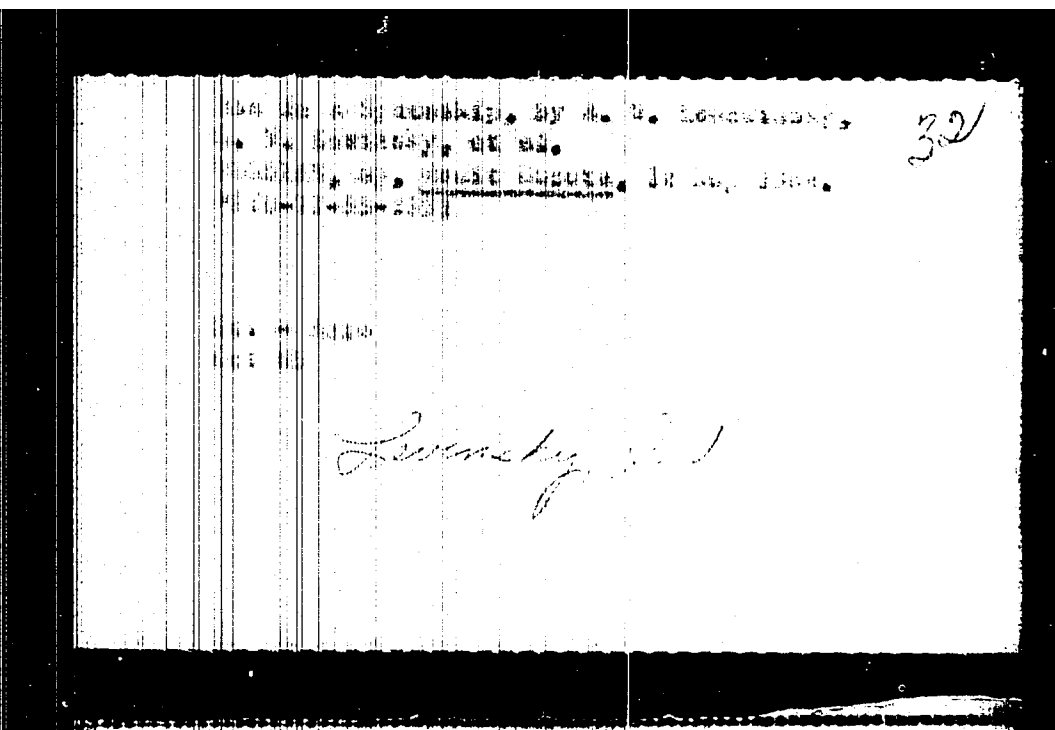
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